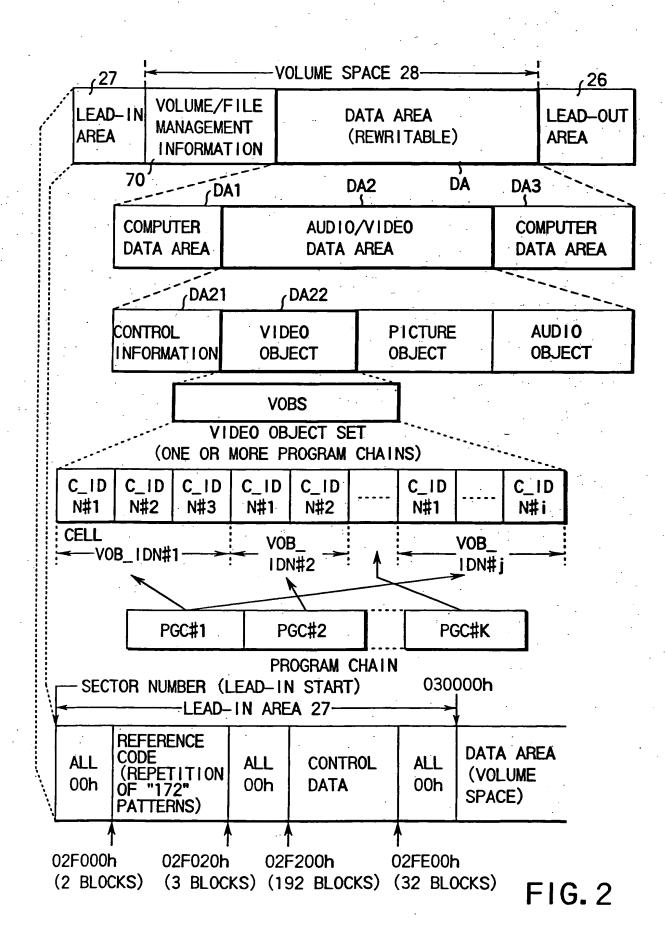


FIG. 1



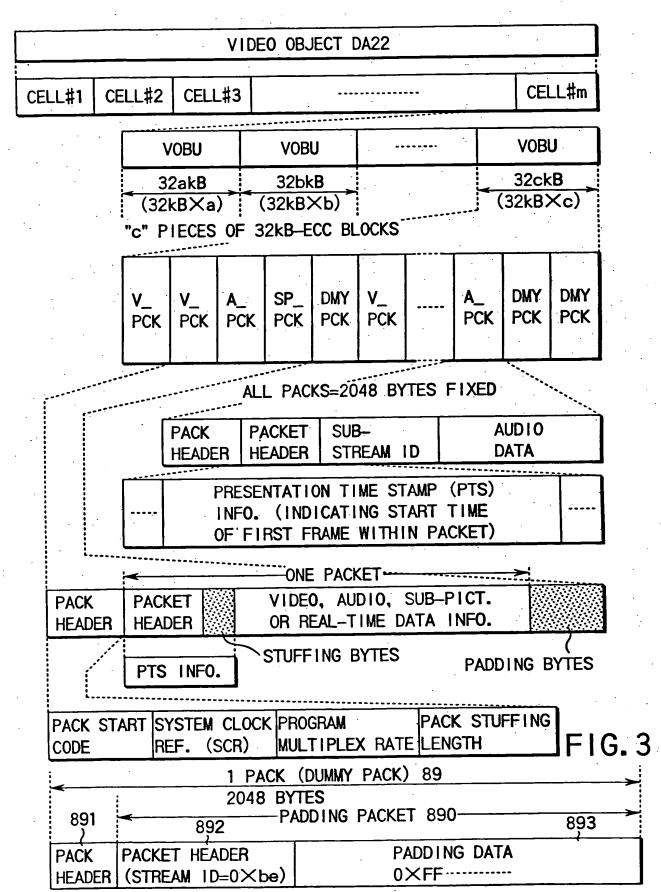


FIG. 4

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ROOT DIRECTORY SUB-DIRECTORY DVD-RTR DIRECTORY FILES RTR. IFO (VR_MANGR. IFO) (NAVIGATION DATA RTR_VMG) RTR_MOV. VRO (VR_MOVIE. VRO) (MOVIE VIDEO OBJECT) RTR_STO.VRO (VR_STILL.VRO) (STILL PICTURE VIDEO OBJECT) RTR_STA. VRO (VR_AUDIO. VRO) (STILL PICTURE ADDITIONAL AUDIO OBJECT) RTR=REAL TIME RECORDING OTHER DIRECTORIES VIDEO_TS (VIDEO TITLE SET) AUDIO_TS (AUDIO TITLE SET) SUB-DIRECTORY FOR OTHER FILES COMPUTER DATA STORAGE

FIG.5

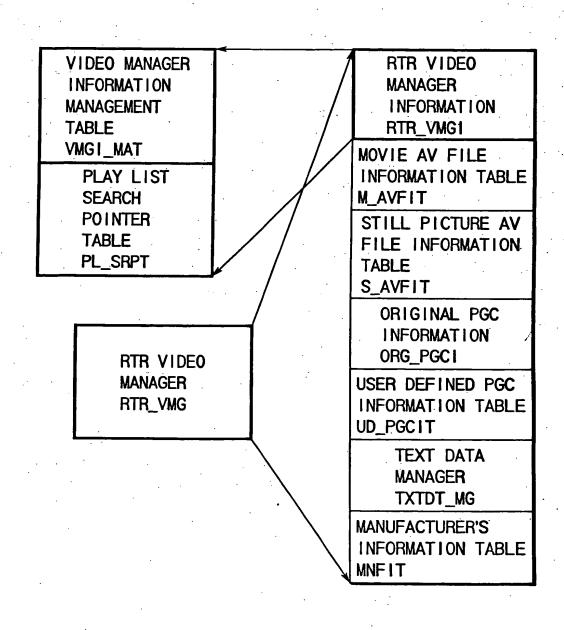


FIG.6

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CONTENTS OF VIDEO MANAGER INFORMATION MANAGEMENT TABLE (VMGI_MAT)

RBP	FILE NAME	CONTENTS
0–11	VMG_ID	VMG IDENTIFIER
12–15	RTR_VMG_EA	END ADDRESS OF RTR_VMG
16–27	RESERVED	RESERVED
28–31	VMG1_EA	END ADDRESS OF VMGI
32–33	VERN	VERSION NUMBER OF DVD SPECIFICATION FOR VIDEO RECORDING
32–127	RESERVED	RESERVED
128–129	TM_ZONE	TIME ZONE
130–131	STILL_TM	STILL TIME FOR STILL PICTURES
132–133	CHRS	CHARACTER SET CODE FOR PRIMARY TEXT
134–148	RSM_MRK I	RESUME MAKER INFORMATION
149–163	REP_PICTI	DISC REPRESENTATIVE PICTURE INFORMATION
164–191	RESERVED	RESERVED
192–195	M_AVFIT_SA	START ADDRESS OF M_AVFIT
196–199	S_AVFIT_SA	START ADDRESS OF S_AVFIT
200–207	RESERVED	RESERVED
208–211	ORG_PGCI_SA	START ADDRESS OF ORG_PGCI
212-215	UD_PGCIT_SA	START ADDRESS OF UD_PGCIT
216–219	TXTDT_MG_SA	START ADDRESS OF TXTDT_MG
220–223	MNFIT_SA	START ADDRESS OF MNFIT
224-511	RESERVED	RESERVED FOR FUTURE USE

RBP=RELATIVE BYTE POSITION

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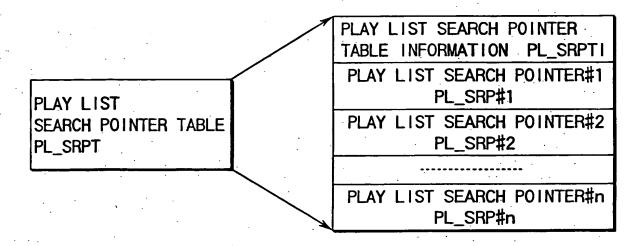


FIG.8

CONTENTS OF PLAY LIST SEARCH POINTER TABLE INFORMATION (PL_SRPTI)

RBP	FILE NAME	CONTENTS
0–2	RESERVED	RESERVED
3	PL_SRP_Ns	NUMBER OF PLAY LIST SEARCH POINTERS
4–7	PL_SRPT_EA	END ADDRESS OF PL_SRPT

RBP=RELATIVE BYTE POSITION

CONTENTS OF PLAY LIST SEARCH POINTER (PL_SRP)

RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	PL_TY	PLAY LIST TYPE
2	PGCN	PGC NUMBER
3–7	PL_CREATE_TM	TIME WHEN PLAY LIST WAS CREATED
8–135	PRM_TXT1	PRIMARY TEXT INFORMATION
136–137	IT_TXT_SRPN	ITEM TEXT SEARCH POINTER NUMBER FOR THIS PLAY LIST IT_TXT_SRPN
138–145	THM_PTRI	THUMBNAIL POINTER INFORMATION

RBP=RELATIVE BYTE POSITION

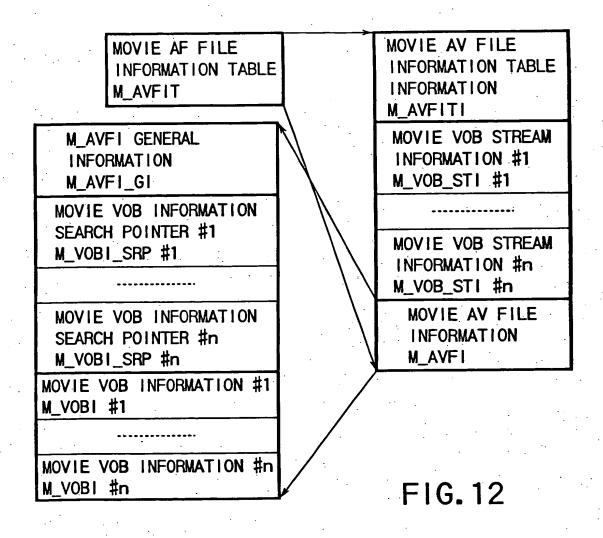
FIG. 10

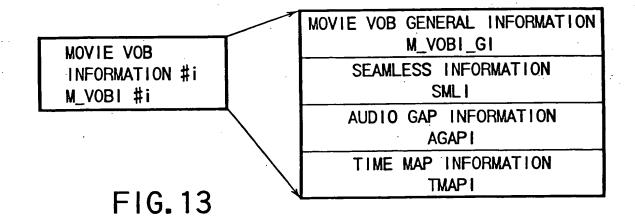
CONTENTS OF THUMBNAIL POINTER INFORMATION (THM_PTRI)

RBP	FILE NAME	CONTENTS
138–139	CN	CELL NUMBER
140–145	THM_PT	THUMBNAIL POINT

RBP=RELATIVE BYTE POSITION

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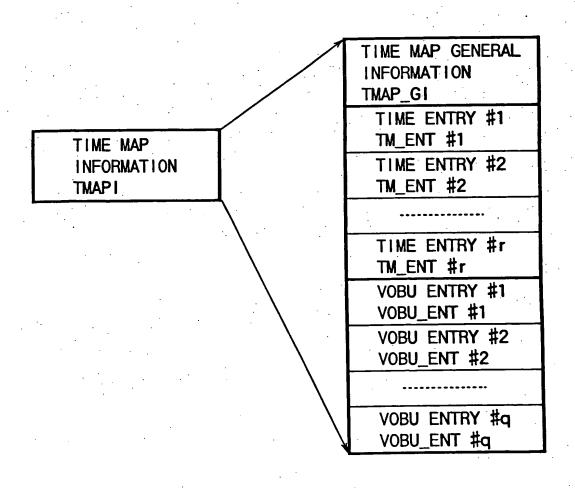


FIG. 14

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CONTENTS OF TIME MAP GENERAL INFORMATION (TMAP_GI)

RBP	FILE NAME	CONTENTS
0–1	TM_ENT_Ns	NUMBER OF TIME ENTRIES
2–3	VOBU_ENT_Ns	NUMBER OF VOBU ENTRIES
4–5	TM_OFS	TIME OFFSET
6–9	ADR_OFS	ADDRESS OFFSET

RBP=RELATIVE BYTE POSITION

FIG. 15

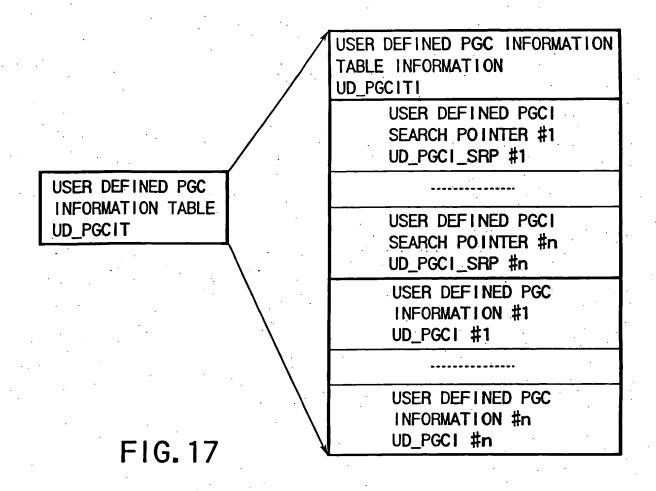
CONTENTS OF TIME ENTRY (TM_ENT)

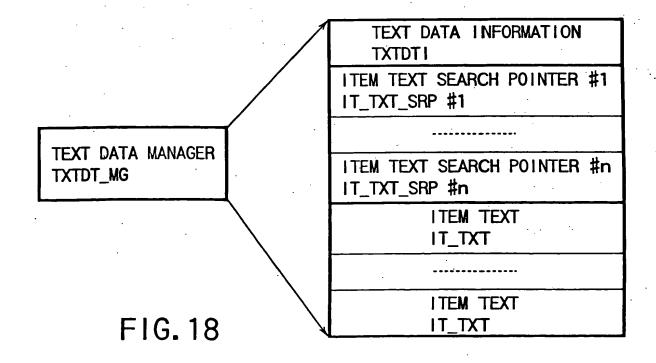
RBP	FILE NAME	CONTENTS
0–1	VOBU_ENTN	VOBU ENTRY NUMBER
2	TM_DIFF	TIME DIFFERENCE
3–6	VOBU_ADR	TARGET VOBU ADDRESS

RBP=RELATIVE BYTE POSITION

FIG. 16

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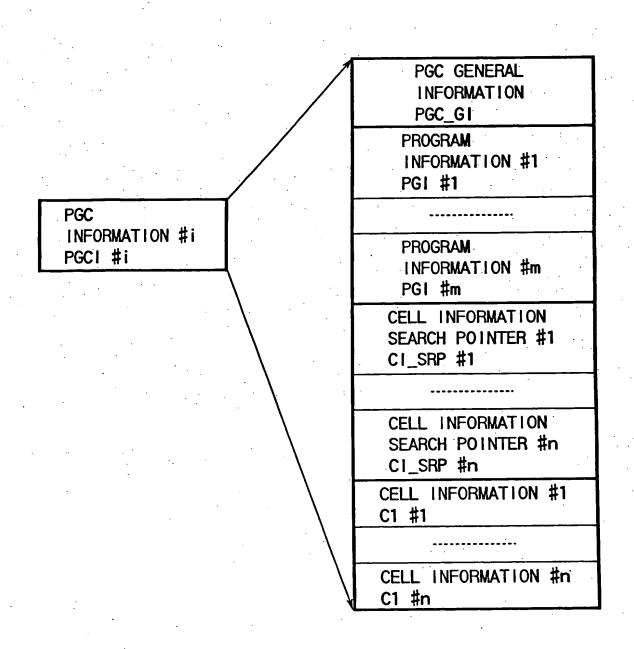


FIG. 19

CONTENTS OF PGC GENERAL INFORMATION (PGC_GI)

RBP	FILE NAME	CONTENTS		
0	RESERVED	RESERVED		
1	PG_Ns	NUMBER OF PROGRAMS		
2–3	CI_SRP_Ns	NUMBER OF CI_SRPs		

RBP=RELATIVE BYTE POSITION

FIG. 20

CONTENTS OF PROGRAM INFORMATION (PGI)

RBP	FILE NAME	CONTENTS				
0	RESERVED	RESERVED				
1	PG_TY PROGRAM TYPE					
2–3	C_Ns	NUMBER OF CELLS IN THIS PROGRAM				
4–131	PRM_TXT1	PRIMARY TEXT INFORMATION				
132–133	IT_TXT_SRPN	IT_TXT_SRP NUMBER				
134–141	THM_PTRI	THUMBNAIL POINTER INFORMATION				

RBP=RELATIVE BYTE POSITION

FIG. 21

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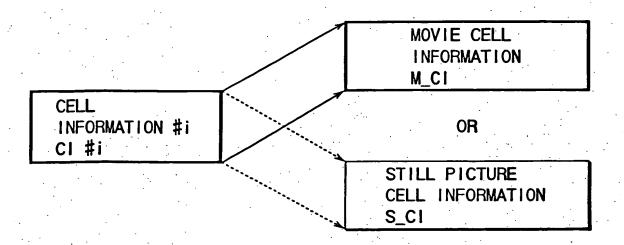


FIG. 22

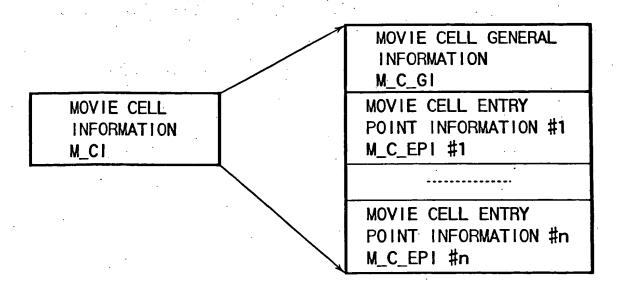


FIG. 23

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CONTENTS OF MOVIE CELL GENERAL INFORMATION (M_C_GI)

RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	C_TY	CELL TYPE
2–3	M_VOBI_SRPN	MOVIE VOBI SEARCH POINTER NUMBER
4–5	C_EPI_Ns	NUMBER OF CELL ENTRY POINT INFORMATION
6–11	C_V_S_PTM	PRESENTATION START TIME OF THIS CELL
12–17	C_V_E_PTM	PRESENTATION END TIME OF THIS CELL

RBP=RELATIVE BYTE POSITION

FIG. 24

CONTENTS OF MOVIE CELL ENTRY POINT INFORMATION (M_C_EPI)

RBP	FILE NAME	CONTENTS
0	EP_TY	ENTRY POINT TYPE
1–6	EP_PTM	PRESENTATION TIME OF ENTRY POINT
7–134	PRM_TXT1	PRIMARY TEXT INFORMATION

RBP=RELATIVE BYTE POSITION

DATE INFORMATION
TEXT INFORMATION

FIG. 25

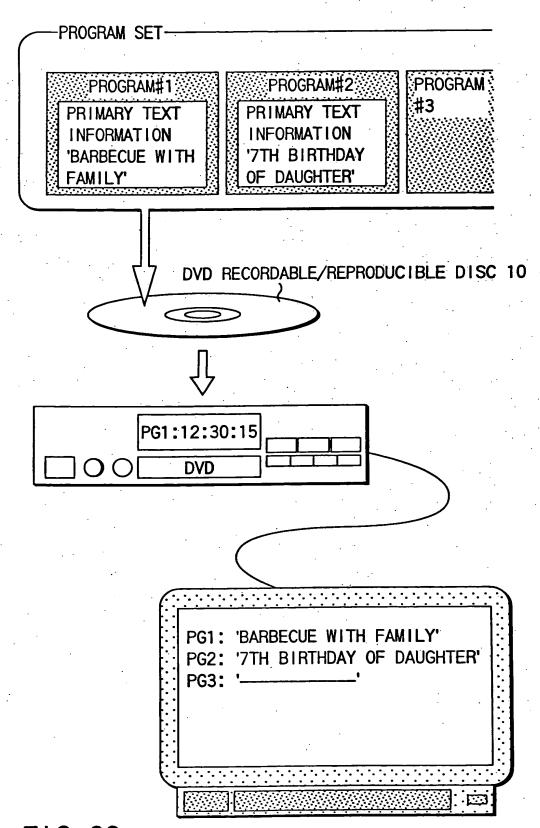


FIG. 26

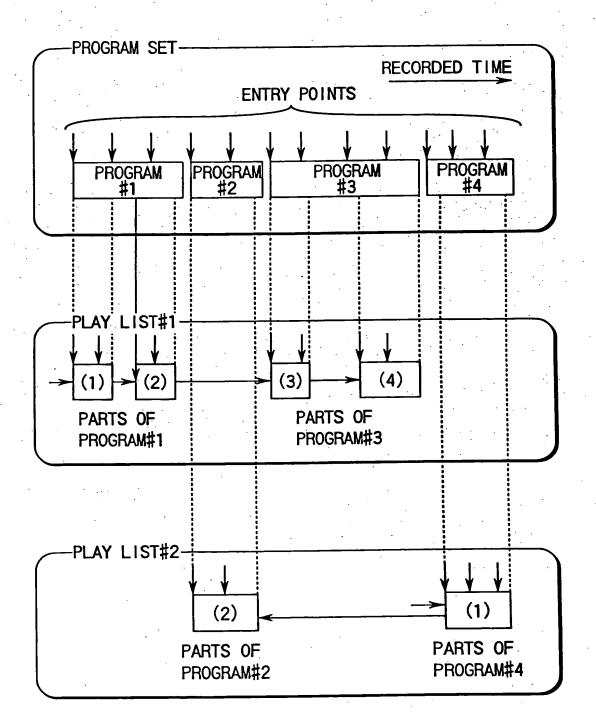


FIG. 27

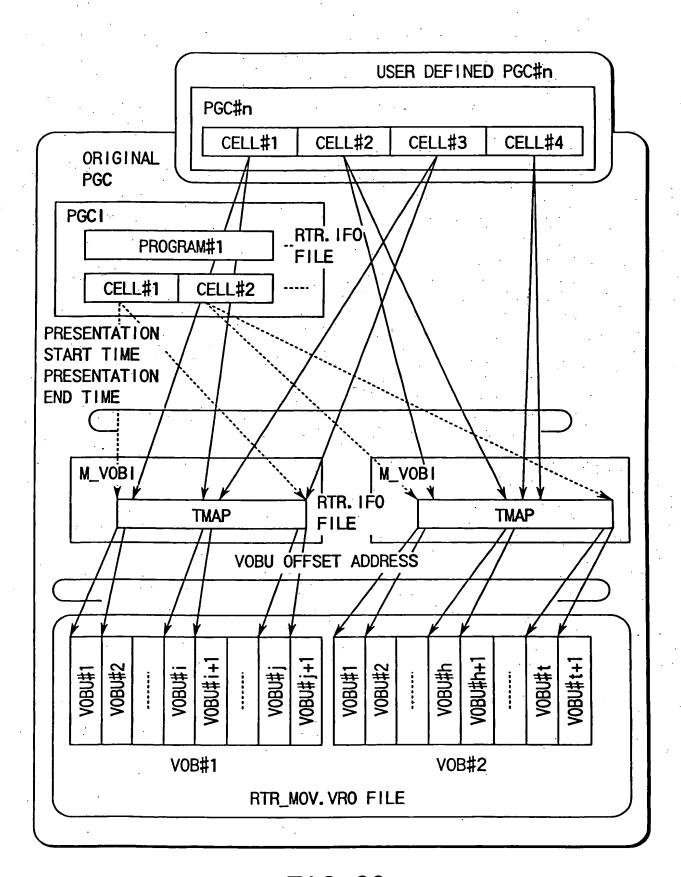
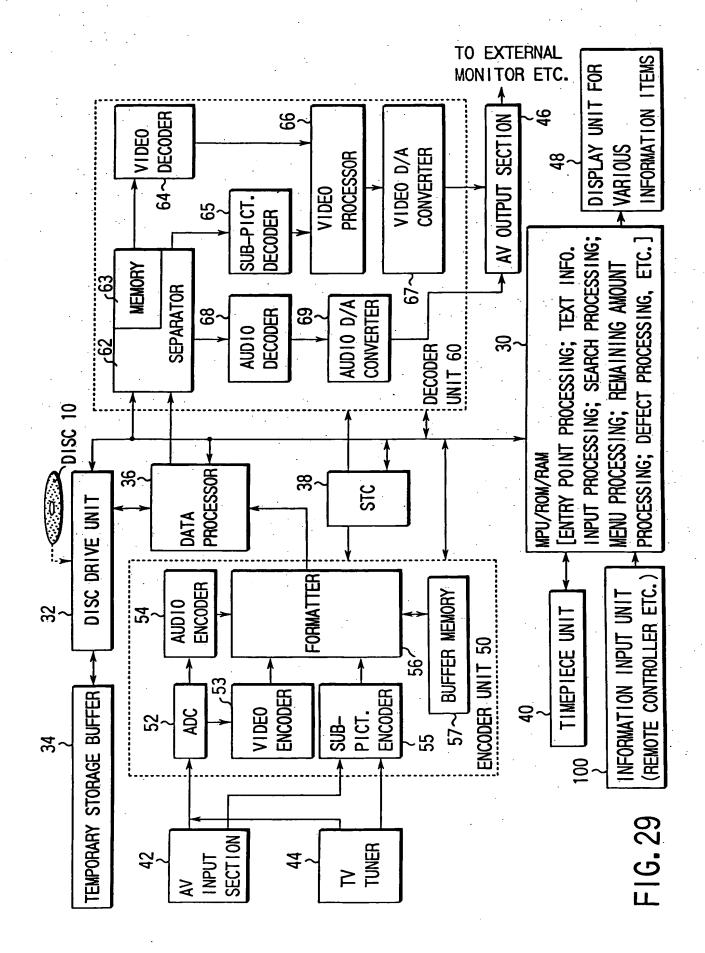
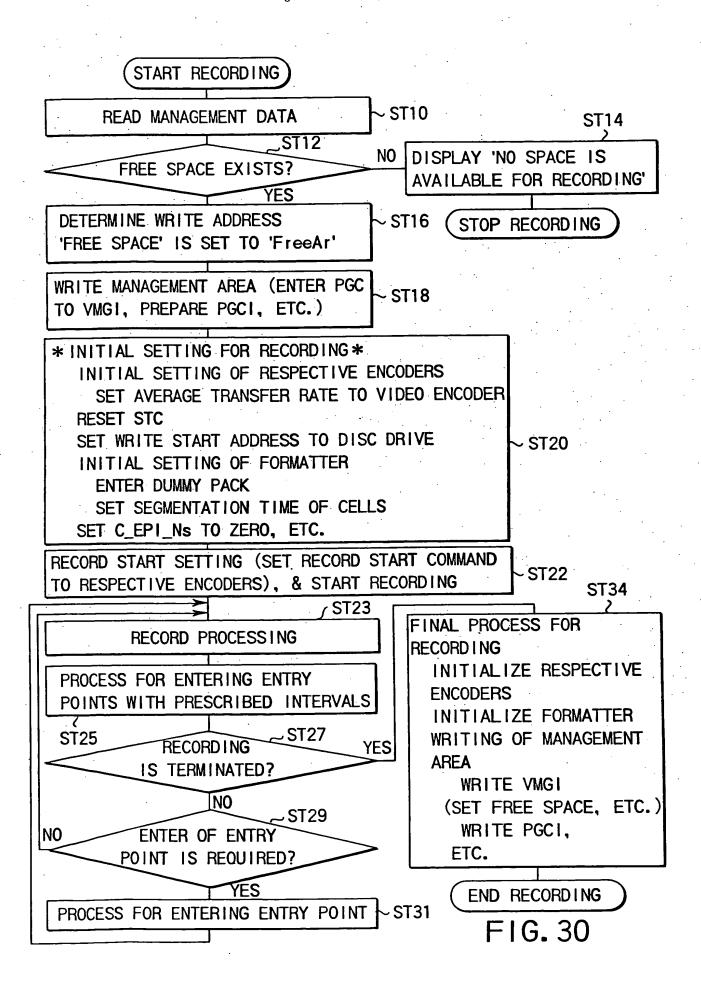


FIG. 28

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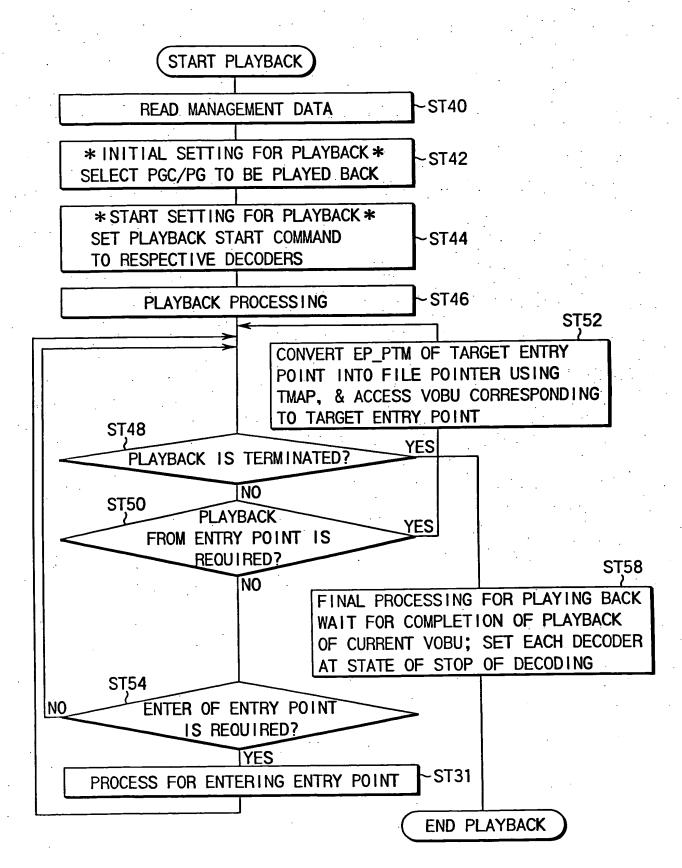


FIG. 31

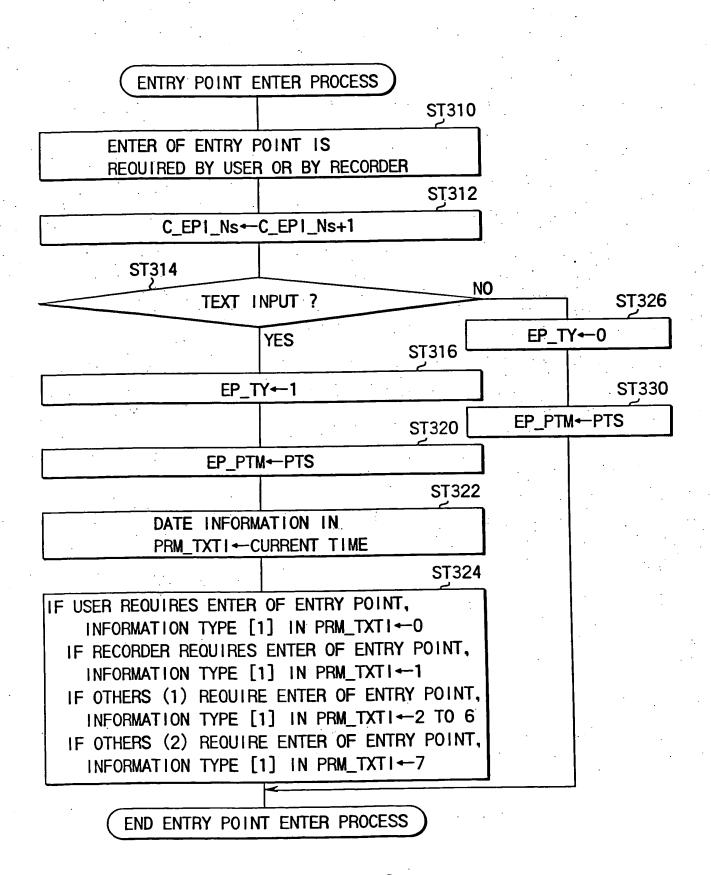


FIG. 32

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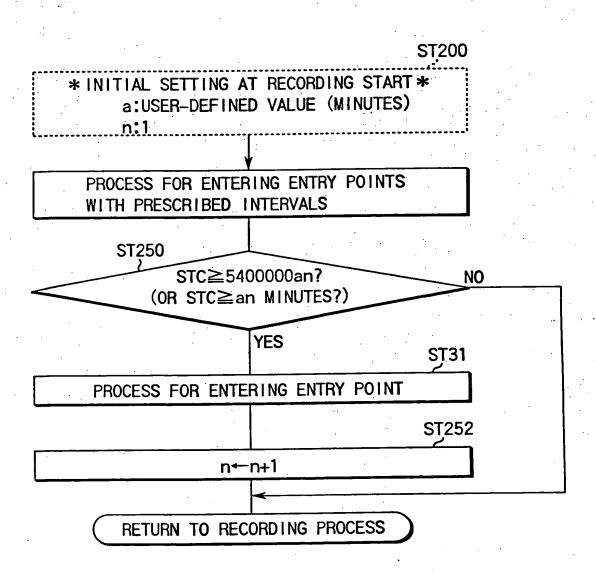


FIG. 33

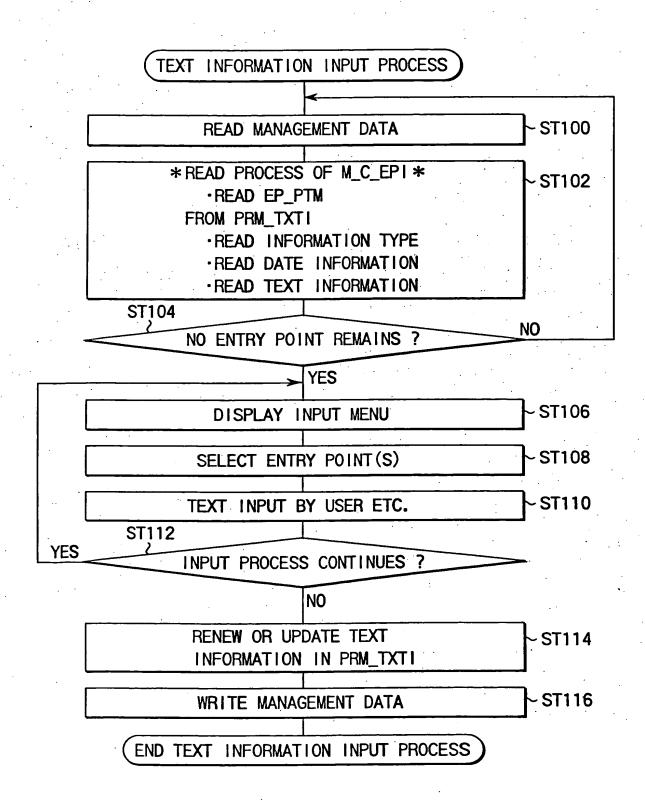
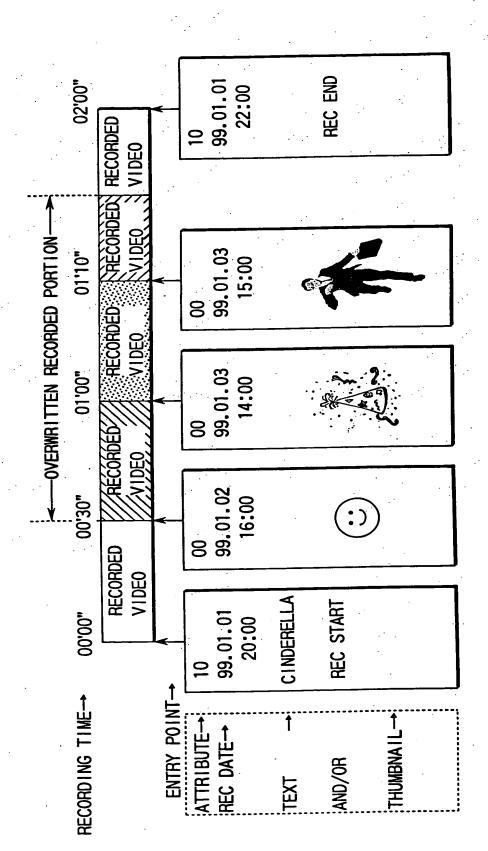


FIG. 34

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IME TITLE THUMBNAIL ATTRIBUTE MARK REC DATE 0'00" CINDERELLA SET 99.01.01 20:00 0'30" PEAŒE 99.01.02 16:00 1'00" PARTY USER 99.01.03 14:00 1'10" HURRY-UP USER 99.01.03 15:00 BUSINESSMAN BUSINESSMAN SECHARACTER INPUT CURSOR							1:::	
CINDERELLA SET PEAŒ PEAŒ PEAŒ PARTY CHARACTER INPUT CURSOR CHARACTER INPUT CURSOR	DATE	20:00	16:00	14:00	15:00			
CINDERELLA SET PEAŒ PEAŒ HURRY-UP BUSINESSMAN CHARACTER INPUT CURSOR	REC	1.01	1.02	1.03	1.03			
CINDERELLA PEACE HURRY-UP BUSINESSMAN CHARACTER INPUT C	MARK	99.0	99.0	99.0	99.0			
CINDERELLA PEACE HURRY-UP BUSINESSMAN CHARACTER INPUT C	BUTE	—	65	æ	65			
CINDERELLA PEACE HURRY-UP BUSINESSMAN CHARACTER INPUT C	ATTRII	S	USE	- USE	USE	URSOR		
CINDEREL CINDEREL PEACE HURRY-UF BUSINESS						NPUT C		
CINDEREL PEACE PARTY HURRY-UF BUSINESS	UMBNA	((1)	2	of	TER II		
CINDEREL PEACE HURRY-UF BUSINESS	三	4			NAN	HARAC		
	111	ERELL	E	<u>\</u>	7Y-UP INESSA	J		
3'30" 1'00" 1'10"	F	C	PEA	PAR	HUR			
	JWI	.00.00	.00.30.	01.00	01.10"			

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F16.36

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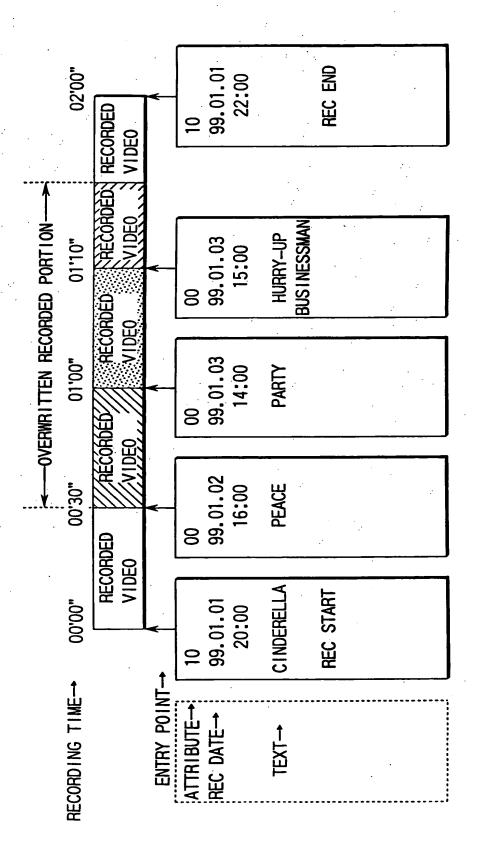


FIG. 37

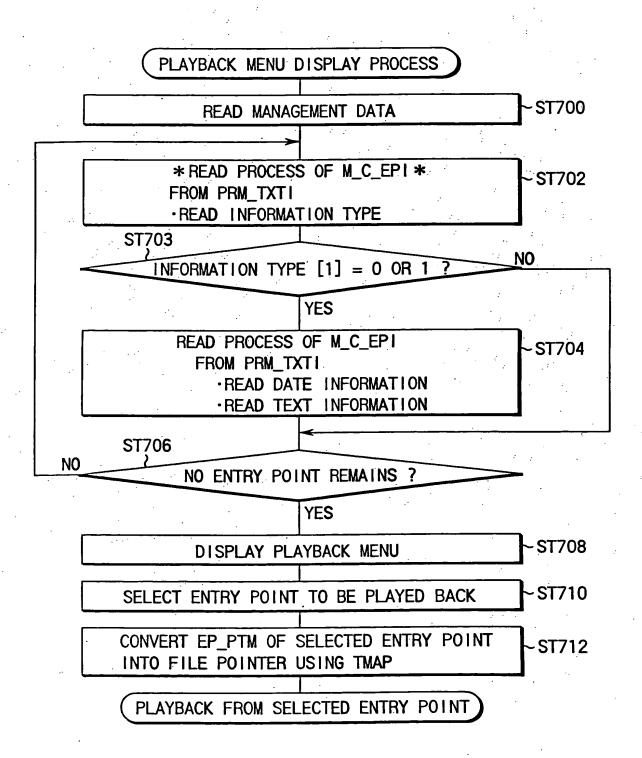


FIG. 38

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						. • . • . •
MARK REC DATE	99.01.01 20:00	99.01.02 16:00	99.01.03 14:00	99.01.03 15:00		
ATTRIBUTE	SET	USER	USER	USER		
THUMBNAIL	($ \vdots)$			SOR (
TITLE	CINDERELLA	PEACE	PARTY	HURRY-UP BUS I NESSMAN	TITLE SELECTION CURSOR	
TIME	.00,00	.00.30	01.00.	01.10.	TITLE	

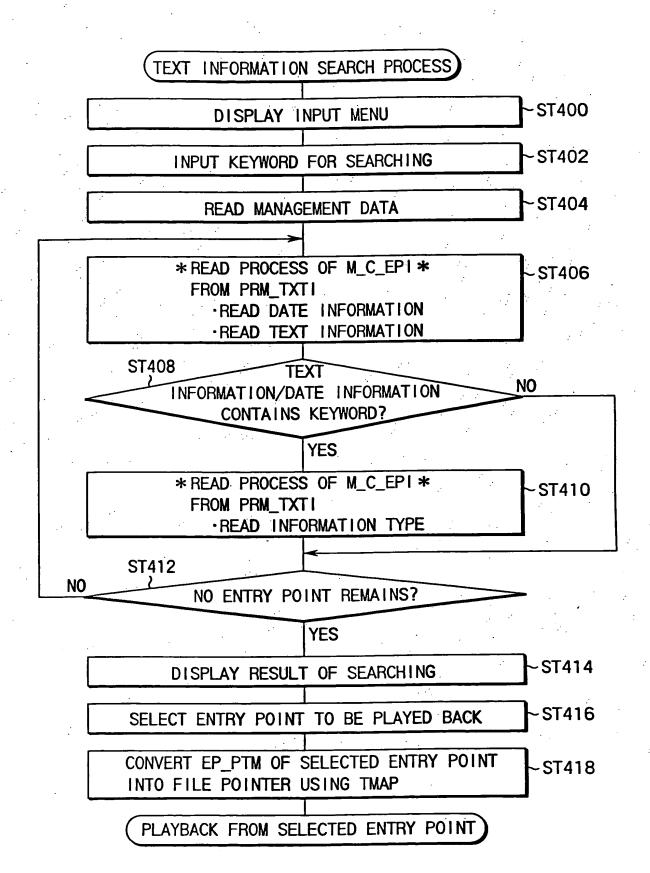
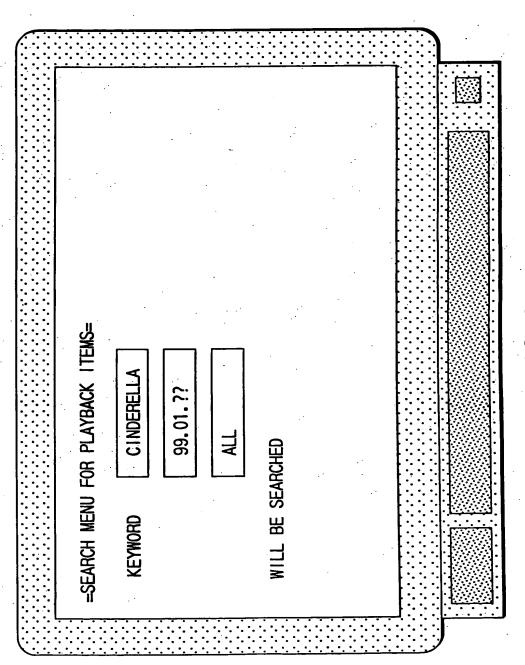


FIG. 40

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 · · · · · · · · · · · · · · · · · · ·						1000
	MARK REC TIME	99.01.01 20:00	99.01.04 19:00	•		
	MAR	99.	99.0			
	ATTRIBUTE	SET	SET	•		
ģ	<u> </u>	ΥI	WITCH & CINDERELLA			
=RESULT OF SEARCHING=	TITLE	CINDERELLA	WITCH &			
=RESULT 0	TIME	.00.00	01.10"			

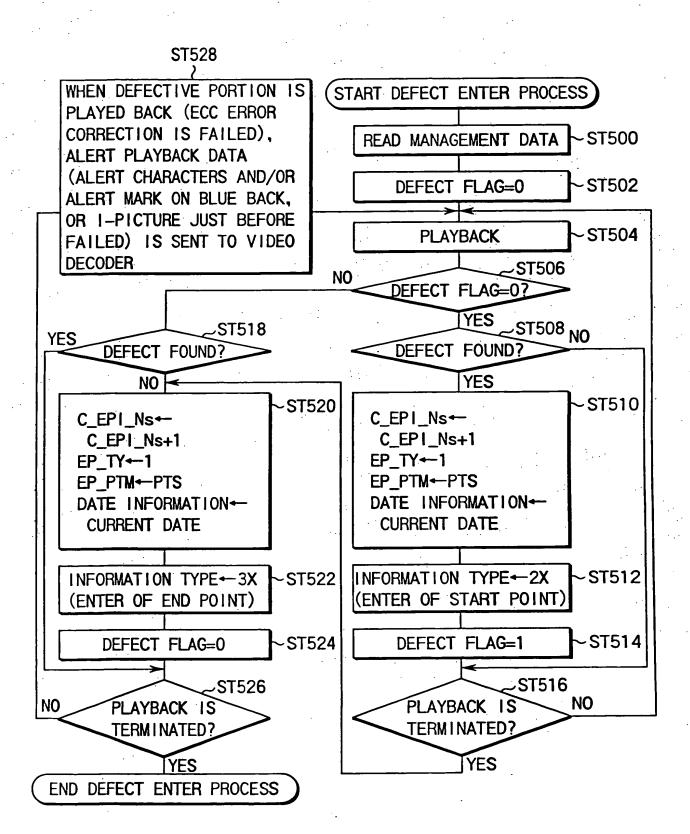
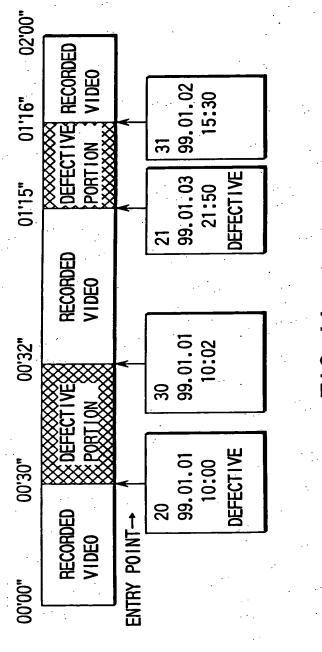


FIG. 43

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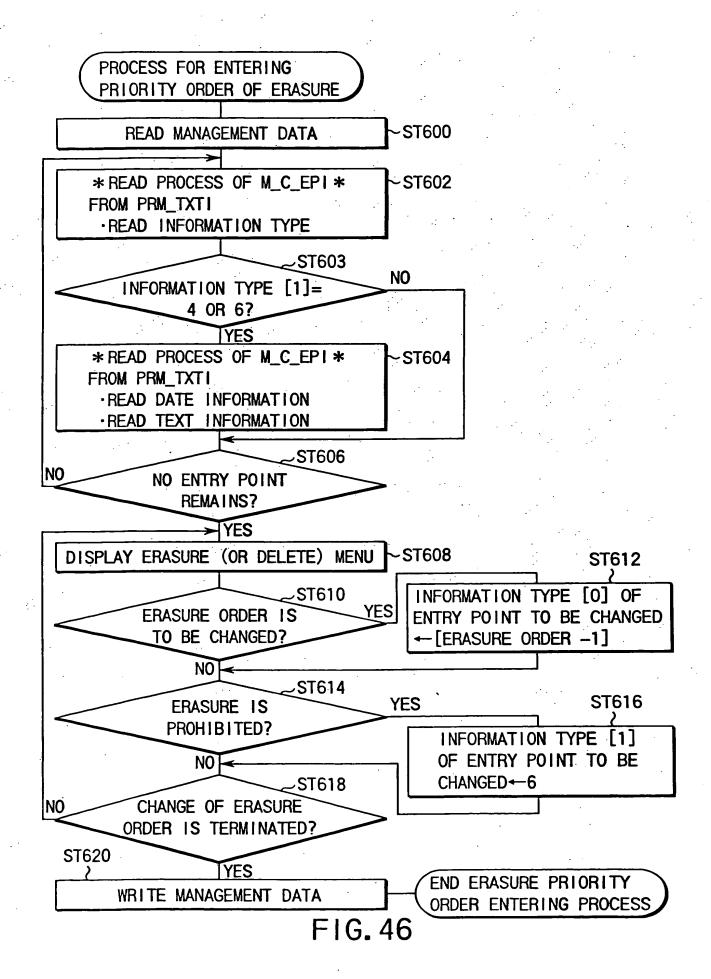
RECORDING TIME→



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•••••	=DEFECT MANAGEMENT MENU=	MENT MENU=	
•••••	TIME	REPRODUCTION MANNER	DEFECT FOUND DATE
	00.30"-00.32"	TO PLAYBACK WITH INCOMPLETE VIDEO/AUDIO	99.01.01 10:00
	01'15"-01'16"	TO SKIPPING WHILE DISPLAYING ERROR ALERT ON BLUE BACK	99.01.03 21:50
	01'49"-01'52"	TO SKIPPING WHILE DISPLAYING ERROR ALERT ON STILL PICT.	99.01.15 09:00
		OCCURRING ERROR	

FIG. 45



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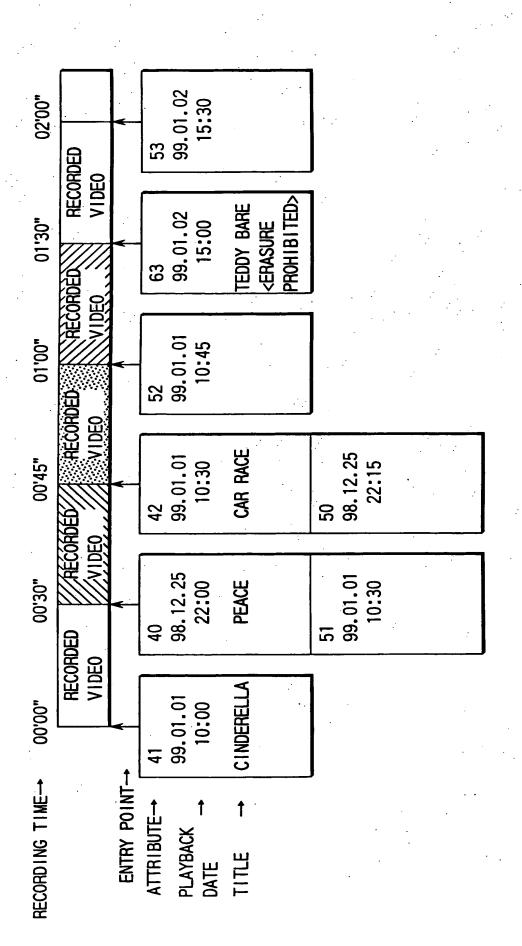
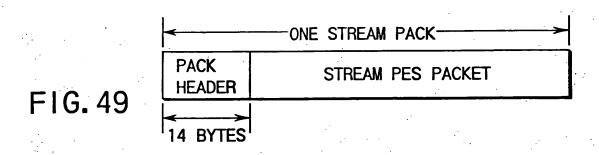


FIG. 47

	TITLE	THUMBNAIL	PLAYBACK DATE	ERASURE ORDER
	CINDERELLA		99.01.01 10:00	8
.00.30.	PEACE	\bigcirc	98.12.25 22:00	• • • • • • • • • • • • • • • • • • •
00'45"	CAR RACE		99.01.01 10:30	3
01.30"	TEDDY BARE	, ,	99.01.02 15:00	CAN'T ERASE
-			INPUT CURSOR FOR ERASURE ORDER OR ERASURE PROHIBITION	R ERASURE E PROHIBITION

FIG. 48

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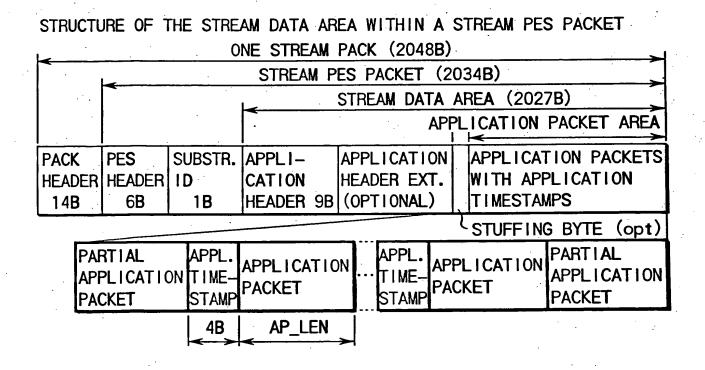


FIG. 50

